

**EAST Search History****EAST Search History (Prior Art)**

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|---------------|---|------------------|---------|---------------------|
| L12   | 2    | "20020088005" | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2009/12/07<br>07:54 |
| L14   | 1    | 10/741524     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2009/12/07<br>08:19 |
| L15   | 1    | 11/022513     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2009/12/07<br>08:22 |
| L16   | 0    | 10/9687873    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2009/12/07<br>08:23 |
| L17   | 2    | 10/968787     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2009/12/07<br>08:23 |
| L18   | 1    | 11/046121     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2009/12/07<br>08:28 |
| L19   | 1    | 11/144180     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2009/12/07<br>08:29 |

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|-----|---|-------------------------|---|-----|----|---------------------|
| L20 | 1 | 11/144211               | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/12/07<br>08:33 |
| L21 | 1 | 11/144846               | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/12/07<br>08:33 |
| L22 | 1 | 11/234723               | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/12/07<br>08:34 |
| L23 | 1 | 11/495480               | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/12/07<br>08:44 |
| L24 | 1 | 11/521702               | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/12/07<br>08:45 |
| L25 | 1 | 11/933264               | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/12/07<br>08:54 |
| L26 | 7 | 10/932586               | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/12/07<br>09:07 |
| L27 | 7 | 10/932586 and diversity | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/12/07<br>09:30 |
| L28 | 4 | 08/627831               | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/12/07<br>09:35 |

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| L29 | 2   | "20030165189"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/12/07<br>09:42 |
| L30 | 191 | qualcomm.as. and hierarchical  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/12/07<br>09:57 |
| L31 | 44  | 30 and (@pd<="20030925" OR<br>@ad<="20030925" OR<br>@rlad<="20030925" OR<br>@prad<="20030925") | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/12/07<br>09:57 |
| L32 | 0   | 31 and superposition   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/12/07<br>09:57 |
| L33 | 44  | 31 and base\$1   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/12/07<br>09:59 |
| L35 | 12  | 31 and base\$1 and enhance\$4  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/12/07<br>09:59 |
| L36 | 0   | 10/932586 and spatial  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/12/07<br>10:07 |
| L37 | 0   | 10/932586 and diversity  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/12/07<br>10:07 |
| L38 | 7   | 10/932586 and diversity  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/12/07<br>10:07 |

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|----|----|---------------|---|-----|----|---------------------|
| S1 | :2 | "6731668".pn. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/14<br>07:49 |
| S2 | :2 | "6785341".pn. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/14<br>07:54 |
| S3 | :2 | "6873606".pn. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/14<br>07:56 |
| S4 | :2 | "7095709".pn. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/14<br>08:05 |
| S5 | :2 | "7154936".pn. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/14<br>08:09 |
| S6 | :2 | "20040082356" | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/09/14<br>08:11 |

**EAST Search History (Interference)**

| Ref # | Hits | Search Query  | DBs            | Default Operator | Plurals | Time Stamp          |
|-------|------|---|----------------|------------------|---------|---------------------|
| L1    | 8143 | {375/260,261,263,267,299.ccls. or<br>370/310,464,341.ccls. or<br>455/101,103,522.ccls.)           | USPAT;<br>UPAD | ADJ              | ON      | 2009/12/07<br>07:42 |
| L2    | 6288 | 1 and (@pd<= "20030925" OR<br>@ad<= "20030925" OR<br>@rlad<= "20030925" OR<br>@prad<= "20030925") | USPAT;<br>UPAD | ADJ              | ON      | 2009/12/07<br>07:42 |
| L3    | 8143 | {375/260,261,263,267,299.ccls. or<br>370/310,464,341.ccls. or<br>455/101,103,522.ccls.            | USPAT;<br>UPAD | ADJ              | ON      | 2009/12/07<br>07:43 |

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|-----|------|---|-------------|-----|----|------------------|
| L4  | 6288 | L3 and (@pd<= "20030925" OR @ad<= "20030925" OR @rlad<= "20030925" OR @prad<= "20030925")   | USPAT; UPAD | ADJ | ON | 2009/12/07 07:43 |
| L5  | 0    | 2 not L4  | USPAT; UPAD | ADJ | ON | 2009/12/07 07:43 |
| L6  | 111  | 2 and (combin\$3 with (scal\$3 or weight\$3) with (add\$3 or summing or summer or superposition))   | USPAT; UPAD | ADJ | ON | 2009/12/07 07:43 |
| L8  | 2    | 6 and @pd>= "20090914"  | USPAT; UPAD | ADJ | ON | 2009/12/07 07:44 |
| L9  | 0    | "20020088005".pn.   | USPAT; UPAD | ADJ | ON | 2009/12/07 07:53 |
| L10 | 0    | "20020088005"   | USPAT; UPAD | ADJ | ON | 2009/12/07 07:53 |
| L11 | 1    | "2002/0088005"  | USPAT; UPAD | ADJ | ON | 2009/12/07 07:53 |
| L13 | 0    | 10/741524   | USPAT; UPAD | ADJ | ON | 2009/12/07 08:18 |
| S7  | 7947 | 375/260,261,263,267,299.ccls. or 370/310,464,341.ccls. or 455/101,103,522.ccls.   | USPAT; UPAD | ADJ | ON | 2009/09/14 09:45 |
| S8  | 6195 | S7 and (@pd<= "20030925" OR @ad<= "20030925" OR @rlad<= "20030925" OR @prad<= "20030925")   | USPAT; UPAD | ADJ | ON | 2009/09/14 09:47 |
| S9  | 109  | S8 and (combin\$3 with (scal\$3 or weight\$3) with (add\$3 or summing or summer or superposition))  | USPAT; UPAD | ADJ | ON | 2009/09/14 09:48 |
| S10 | 64   | S9 and (diversity)  | USPAT; UPAD | ADJ | ON | 2009/09/14 09:49 |
| S11 | 1    | ((first near2 spatial near2 process\$3) with (second near2 spatial near2 process\$3)) and (combin\$3 with (scal\$3 or weight\$3) with (add\$3 or summing or summer or superposition)) | USPAT; UPAD | ADJ | ON | 2009/09/14 10:13 |
| S12 | 603  | (spatial) and (combin\$3 with (scal\$3 or weight\$3) with (add\$3 or summing or summer or superposition))   | USPAT; UPAD | ADJ | ON | 2009/09/14 10:55 |
| S13 | 57   | (spatial with first with second) and (combin\$3 with (scal\$3 or weight\$3) with (add\$3 or summing or summer or superposition))  | USPAT; UPAD | ADJ | ON | 2009/09/14 10:56 |
| S14 | 54   | S13 and (@pd<= "20030925" OR @ad<= "20030925" OR @rlad<= "20030925" OR @prad<= "20030925")  | USPAT; UPAD | ADJ | ON | 2009/09/14 10:56 |

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|-----|------|--|----------------|-----|----|---------------------|
| S15 | 1072 | 375/295.ccls. and<br>(@pd<= "20030925" OR<br>@ad<= "20030925" OR<br>@rlad<= "20030925" OR<br>@prad<= "20030925") | USPAT;<br>UPAD | ADJ | ON | 2009/09/14<br>11:13 |
| S16 | 10   | S15 and (combin\$3 with (scal\$3 or<br>weight\$3) with (add\$3 or summing or<br>summer or superposition))        | USPAT;<br>UPAD | ADJ | ON | 2009/09/14<br>11:13 |
| S17 | 1    | "6473467".pn.  | USPAT;<br>UPAD | ADJ | ON | 2009/09/14<br>11:17 |
| S18 | 0    | "6473467".pn. and (scal\$3 or weight<br>\$3)   | USPAT;<br>UPAD | ADJ | ON | 2009/09/14<br>12:43 |

**12/7/2009 10:35:54 AM**

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